

City of Milton-Freewater



2006
Drinking Water
Quality Report

Dear City Water Customer;

The City is very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water quality and services we have provided to you over the past year. Our goal is and always has been, to provide you with a safe and dependable supply of drinking water. Our water source comes from a total of four well fields, which consist of seven deep basalt wells and we are pleased to report that our drinking water is safe and meets federal and state requirements.

The City of Milton-Freewater routinely monitors your drinking water according to Federal and State laws. The table shows the results of our monitoring samples for the period of January 1, 2006 through December 31, 2006. As water travels over the land or underground, it can acquire substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It is important to remember that the presence of these constituents does not necessarily pose a health risk.

TEST RESULTS

Contaminant	Violation Y/N	Level Detected	Measure- ment Unit	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants						
Copper	N	.006	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits, leaching from wood preservatives.
Fluoride	N	.200	ppm	4.0	4	Erosion of natural deposits; water additive, which promotes strong teeth; discharge from fertilizer and aluminum factories.
Lead	N	.002	ppb	0.0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits.
Nitrate (as Nitrogen)	N	.800	ppm	10.0	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Barium	N	.019	ppb	2.0	2.0	Erosion of natural deposits and mining.

You may find many terms and abbreviations that you may not be familiar with in the table above. We have provided the following definitions to help you better understand these terms:

Non-Detects (ND) – laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) – one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter – one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Action Level – the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

OVER

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Action Level – the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

Treatment Technique (TT) – A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level – The “Maximum Allowed” (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL’s are set as close to the MCLG’s as feasible using the best available treatment technology.

Maximum Contaminant Level Goal – The “Goal” (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG’s allow for a margin of safety.

As you can see by the table, our water system did not have any violations this past year. We are proud to provide drinking water that meets or exceeds all Federal and State requirements. We have learned through our monitoring and sampling that some constituents have been detected. The Environmental Protection Agency (EPA) has determined that our water **IS SAFE** at these levels.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals, and radioactive substances. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA’s Safe Drinking Water Hotline at 1-800-426-4791 or you can visit their website at <http://www.epa.gov/safewater/>.

MCL’s are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink two liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are also available from the EPA’s Safe Drinking Water Hotline.

As an effort to supply premium quality water, the City makes necessary upgrades and improvements periodically. During the past year, we have replaced approximately 900 feet of 1946 main in an effort to upgrade our infrastructure. A comprehensive infrastructure analysis was also completed to meet new Governmental Accountability Standards Board reporting requirements.

We at the City of Milton-Freewater work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children’s future.

El “Consumer Confidence Report” es disponible en Espanol en la oficina de Milton-Freewater si usted lo quiere.

If you have any questions about this report please contact David Bradshaw at 541-938-8272. We want you, our valued customer, to be informed about the quality of your water utility.

Sincerely,

David L. Bradshaw

Public Works Superintendent

DLB/ko